

**SONY®**

**Safety Information  
Renseignements relatifs à la sécurité**

Personal Computer / Ordinateur personnel

**VPCB11 Series**

**vaio**

---

# *For customers in USA and Canada*

# *Pour les utilisateurs aux Etats-Unis et au Canada*

## ***Owner's Record***

The model number and serial number are located on the bottom, the back panel, or inside the battery compartment of your Sony VAIO® computer. Record the model and serial numbers in the space provided here, and keep in a secure location. Refer to the model and serial numbers when you call your Sony Service Center.

Model Number:	
Serial Number:	

## ***Notice***

© 2010 Sony Electronics Inc. Reproduction in whole or in part without written permission is prohibited. All rights reserved. This manual and the software described herein, in whole or in part, may not be reproduced, translated, or reduced to any machine-readable form without prior written approval.

SONY ELECTRONICS INC. PROVIDES NO WARRANTY WITH REGARD TO THIS MANUAL, THE SOFTWARE, OR OTHER INFORMATION CONTAINED HEREIN AND HEREBY EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE WITH REGARD TO THIS MANUAL, THE SOFTWARE, OR SUCH OTHER INFORMATION. IN NO EVENT SHALL SONY ELECTRONICS INC. BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, WHETHER BASED ON TORT, CONTRACT, OR OTHERWISE, ARISING OUT OF OR IN CONNECTION WITH THIS MANUAL, THE SOFTWARE, OR OTHER INFORMATION CONTAINED HEREIN OR THE USE THEREOF.

SONY CANNOT WARRANT THAT THE FUNCTIONS DESCRIBED IN THIS GUIDE WILL BE UNINTERRUPTED OR ERROR-FREE. SONY ALSO ASSUMES NO RESPONSIBILITY, AND SHALL NOT BE LIABLE FOR ANY DAMAGES TO, OR VIRUSES THAT MAY INFECT, YOUR COMPUTER EQUIPMENT, OR OTHER PROPERTY ON ACCOUNT OF YOUR ACCESS TO, USE OF, OR BROWSING IN ANY DESCRIBED WEB SITE, OR YOUR DOWNLOADING OF ANY MATERIALS, DATA, TEXT, IMAGES, VIDEO, OR AUDIO FROM ANY DESCRIBED WEB SITE. WEB SITE INFORMATION IS OBTAINED FROM VARIOUS SOURCES AND MAY BE INACCURATE. COPIES OF COPYRIGHTED INFORMATION MAY ONLY BE MADE FOR LEGALLY PERMISSIBLE PURPOSES.

Sony Electronics Inc. reserves the right to make any modification to this manual or the information contained herein at any time without notice. The software described herein is governed by the terms of a separate user license agreement.

This product contains software owned by Sony and licensed by third parties. Use of such software is subject to the terms and conditions of license agreements enclosed with this product. Some of the software may not be transported or used outside the United States. Software specifications are subject to change without notice and may not necessarily be identical to current retail versions.

---

Certain product(s) included with this computer may include features such as copy protection and content management technology. USE OF THE SOFTWARE PRODUCT(S) REQUIRES AGREEMENT TO APPLICABLE END USER AGREEMENTS AND FULL COMPLIANCE WITH APPLICABLE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and privacy policies will be detailed during initial launch of the software product(s), or upon certain reinstallations of the software product(s), or reconfigurations of the computer, and may be completed by Internet or telephone (toll charges may apply).

Updates and additions to software may require an additional charge. Subscriptions to online service providers may require a fee and credit card information. Financial services may require prior arrangements with participating financial institutions.

**Important information for Canadian customers:** Your new VAIO® computer includes certain software versions or upgrades, and Internet services or offers that are available to U.S. customers only.

i.LINK is a trademark of Sony Corporation used only to designate that a product contains an IEEE 1394 connection. The iLINK connection may vary, depending on the software applications, operating system, and compatible iLINK devices. All products with an iLINK connection may not communicate with each other. Please refer to the documentation that came with your compatible iLINK device for information on operating conditions and proper connection. Before connecting compatible iLINK PC peripherals to your system, such as a CD-RW or hard disk drive, confirm their operating system compatibility and required operating conditions.

Sony, VAIO, and the VAIO logo are trademarks or registered trademarks of Sony Corporation.

All other trademarks are trademarks or registered trademarks of their respective owners.



The Wireless LAN functionality, which is incorporated into selected models only, has passed Wi-Fi certification and complies with the interoperability specifications established by WFA (Wi-Fi Alliance).

Reverse engineering or disassembly is prohibited.

## ***End User / Product Activation Requirements***

Certain software product(s) included with this computer may include features such as copy protection and content management technology. Use of the software product(s) requires agreement to applicable end user agreements and full compliance with applicable product activation procedures. Product activation procedures and privacy policies will be detailed during initial launch of the software product(s), or upon certain reinstallations of the software product(s) or reconfiguration of the computer, and may be completed by Internet or telephone (toll charges may apply).

---

## **Safety Information and Caution**

For questions regarding your product or for the Sony Service Center nearest you, visit the Sony online support Web site at <http://esupport.sony.com/EN/VAIO/> for customers in USA or at <http://esupport.sony.com/ca/> for customers in Canada.

- To prevent fire or shock hazard, do not expose your computer to rain or moisture.
- To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Do not use your computer directly on your lap. The temperature of the base of the unit will rise during normal operation and over time could result in discomfort or burns.
- Do not place the AC adapter in contact with your skin. Remove the AC adapter away from your body if it becomes warm and causes discomfort.
- To prevent possible damage and risk of ignition to your computer during transportation, first attach any supplied connector covers and slot protectors in their appropriate locations, and secure the battery pack in the battery compartment.
- Always keep the battery pack installed while the computer is in use.
- Do not use or store your computer in a location subject to heat sources, such as radiators or air ducts; direct sunlight; excessive dust; moisture or rain; mechanical vibration or shock; strong magnets or speakers that are not magnetically shielded; excessively high and low temperatures; and high humidity.
- Do not charge the battery pack in any way other than as described in the user guide or as designated by Sony in writing.
- For your safety, Sony recommends using the genuine Sony battery pack and AC adapter that are provided with this product. If either of these items needs to be replaced during the life of the product, be sure to use a compatible genuine Sony battery pack or AC adapter. Information about compatible models can be found at <http://www.sony.com/vaio>.
- Sony disclaims and shall assume no responsibility in case of any losses and damages arising from:
  - the use of non-genuine Sony battery packs or AC adapters with your VAIO® computer.
  - the disassembly, alteration of, or tampering with any Sony battery pack.
- Do not use wireless LAN on hospital premises. Doing so may cause medical devices to malfunction.
- Do not use wireless LAN on an aircraft, as doing so may cause the aircraft's equipment to malfunction.
- If using wireless LAN near a pacemaker, make sure it is at least 8 inches / 20 cm away from the pacemaker.
- Sony is not responsible for any interference that you may experience or that may be caused when operating this device.



**To change the backup battery, please contact your nearest Sony Service Center.**



**The optical disc drive of your computer is classified as a CLASS 1 LASER PRODUCT and complies with the Laser Products Safety Standard IEC/EN 60825-1(2007).**

**Caution - Repair and maintenance of this equipment should be made only by Sony authorized technicians. Improper use and repairs can create a safety hazard.**

**Caution - Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.**

**For incorporated optical disc drive:**

**Caution - Class 3B visible and invisible laser radiation when open.**

**Avoid direct exposure to the beam.**

**- Maximum power:  $390\mu\text{W}$  ( $\lambda 650\text{nm}$ ),  $563\mu\text{W}$  ( $\lambda 780\text{nm}$ ),  $39\mu\text{W}$  ( $\lambda 405\text{nm}$ )**

**- Beam divergence:  $0.6$  ( $\lambda 650\text{nm}$ ),  $0.45$  ( $\lambda 780\text{nm}$ ),**

**$0.85$  ( $\lambda 405\text{nm}$ )**

**- Pulse duration: Continuous wave**

## **Wireless LAN Security**

Creating security settings for the Wireless LAN is extremely important. Sony assumes no responsibility for any security problems that may arise from the use of the Wireless LAN.

---

## **Avertissement**

Pour toute question concernant ce produit, veuillez écrire à Sony Customer Information Service Center au 12451 Gateway Blvd., Fort Myers, FL 33913, USA ou se trouve le Sony Customer Service (service consommateur de Sony) sur Internet à : <http://esupport.sony.com/ca/>.

- Pour prévenir tout risque d'incendie ou d'électrocution, garder cet appareil à l'abri de la pluie et de l'humidité.
- Pour prévenir tout risque d'électrocution, ne pas ouvrir le châssis de cet appareil et ne confier son entretien qu'à une personne qualifiée.
- L'appareil doit être le plus près possible d'une prise murale pour en faciliter l'accès.
- Ne posez pas l'ordinateur directement sur vos genoux. Durant le fonctionnement normal, la température augmente et cela pourrait créer un inconfort ou des brûlures.
- Ne mettez pas l'adaptateur C.A. en contact avec votre peau. Éloignez l'adaptateur C.A. de votre corps s'il devient chaud et qu'il cause un inconfort.
- Afin de prévenir des indemités à votre ordinateur pendant le transport, attachez d'abord tous les volets de connecteurs et protecteurs d'emplacements comme il convient, et insérez la batterie dans le logement de la batterie.
- Toujours conserver la batterie installée pendant que l'ordinateur est en cours d'utilisation.
- N'utilisez pas votre ordinateur et ne le rangez pas dans un endroit exposé à des sources de chaleur, comme des radiateurs ou des conduits d'air ; le rayonnement solaire. Ne l'exposez pas non plus à une quantité excessive de poussière ; à l'humidité ou la pluie ; à une vibration mécanique ou à un choc ; à des aimants puissants ou à des haut-parleurs non protégés contre les champs magnétiques ; à des températures extrêmement basses ou hautes et à une humidité intense.
- N'essayez pas de charger le module batterie d'une autre façon que celle décrite dans le Guide de l'utilisateur ou dans la documentation écrite de Sony.
- Pour votre sécurité, Sony recommande d'utiliser uniquement le module batterie et l'adaptateur secteur de marque Sony fournis avec ce produit. Si l'un de ces éléments devait être remplacé durant le cycle de vie du produit, veillez à utiliser un module batterie ou un adaptateur secteur compatibles de marque Sony. Des informations sur les modèles compatibles sont disponibles sur : <http://www.sony.com/vaio>.
- Sony rejette toute responsabilité en cas de perte ou de dommages engendrés par l'utilisation de modules batterie ou d'adaptateurs secteur de marque autre que Sony avec votre ordinateur VAIO®, ou par le désassemblage ou l'altération des modules batterie Sony.
- Ne pas utiliser le réseau local sans fil dans les hôpitaux car cela risquerait de provoquer le mauvais fonctionnement des appareils médicaux.
- Ne pas utiliser le réseau local sans fil dans un avion car cela risquerait de provoquer le mauvais fonctionnement des appareils de vol.
- Si vous utilisez le réseau local sans fil à proximité d'un stimulateur cardiaque, assurez-vous qu'il est au moins à 8 pouces / 20 cm du stimulateur cardiaque.
- Sony n'est pas responsable des interférences que vous risquez de rencontrer ou qui risquent d'être provoquées lors du fonctionnement de cet appareil.



**Pour changer la pile de rechange, veuillez contacter votre centre de service Sony le plus près.**



**Le lecteur de disque optique de votre ordinateur est classé comme étant un PRODUIT LASER de CLASSE 1. De plus, il est conforme à la norme de sécurité sur les produits laser IEC/EN 60825-1(2007).**

**Avertissement - La réparation et l'entretien de ce produit ne doivent être effectués que par un technicien autorisé par Sony. Une utilisation ainsi que des réparations inadéquates peuvent entraîner un risque pour la sécurité.**

**Avertissement - L'utilisation des contrôles ou des réglages, ou la réalisation de procédures autres que celles spécifiées dans le présent document peut entraîner une exposition dangereuse à des radiations.**

**Lecteur de disque optique intégré :**

**Avertissement - Rayonnement laser visible et invisible de classe 3B en cas d'ouverture. Evitez toute exposition au faisceau.**

- Puissance maximale :  $390\text{ }\mu\text{W}$  ( $\lambda$  650nm),  $563\text{ }\mu\text{W}$  ( $\lambda$  780nm),  
 $39\text{ }\mu\text{W}$  ( $\lambda$  405nm)
- Divergence de faisceau : 0,6 ( $\lambda$  650nm), 0,45 ( $\lambda$  780nm),  
0,85 ( $\lambda$  405nm)
- Durée d'une impulsion : onde entretenue

## Sécurité du réseau local sans fil

La création de paramètres de sécurité pour le réseau local sans fil est extrêmement importante. Sony n'est pas tenu responsable des problèmes de sécurité susceptibles de se produire lors de l'utilisation du réseau local sans fil.

## **Regulatory Information**

If you have questions about this product, you can write to the Sony Customer Information Service Center at 12451 Gateway Blvd., Fort Myers, FL 33913, USA or find Sony Customer Service on the Web site at: <http://esupport.sony.com/EN/VAIO/> for customers in USA or <http://esupport.sony.com/ca/> for customers in Canada.

The following FCC statement applies only to the version of this model manufactured for sale in the USA. Other versions may not comply with FCC technical regulations.

### **Declaration of Conformity**

Trade Name:	SONY
Model No.:	PCG-71111L
Responsible Party:	Sony Electronics Inc.
Address:	16530 Via Esprillo, San Diego, CA 92127, USA
Telephone:	858-942-2230 (For FCC-related matters only.)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) this device may not cause harmful interference, and  
(2) this device must accept any interference received, including interference that may cause undesired operation.

## **FCC Information**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Only peripherals (computer input/output devices, terminals, printers, etc.) that comply with FCC Class B limits may be attached to this computer product. Operation with noncompliant peripherals is likely to result in interference to radio and television reception.

All cables used to connect peripherals must be shielded and grounded. Operation with cables connected to peripherals that are not shielded and grounded may result in interference to radio and television reception.

---

## ***Industry Canada Notice***

This Class B digital apparatus complies with Canadian ICES-003.

## ***Avis de L'Industrie Canada***

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## ***FCC/IC Radio Frequency Exposure***

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 8 inches / 20 cm between the radiator and your body (excluding extremities: hands, wrists, feet, and ankles).

This device and its antenna(s) must not be co-located or operating with any other antenna or transmitter except Grant condition. Users are not permitted to modify this transmitter device. Any unauthorized changes made to this device could void your authority to operate this device.

For models with the Bluetooth functionality, the personal computer contains a Wireless LAN transmitter which is co-located and operating simultaneously with a 0.001W Bluetooth module FCC ID: MCLT77H114.

## ***Exposition aux radiofréquences FCC/IC***

Cet équipement est conforme aux limites d'exposition aux rayonnements FCC/IC définies pour un environnement non réglementé. Cet équipement doit être installé et utilisé à une distance minimale de 8 pouces / 20 cm entre l'élément rayonnant et votre corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

Cet appareil et sa ou ses antennes ne doivent pas être placés à proximité d'autres antennes ou émetteurs ni fonctionner avec eux, sauf autorisation spéciale. Les utilisateurs ne sont pas autorisés à modifier cet émetteur. Toute modification non autorisée apportée à cet émetteur peut annuler vos droits d'utilisation de l'appareil.

## ***IC RSS-210 (Canada)***

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

L'utilisation de ce dispositif est autorisée seulement aux deux conditions suivantes : (1) il ne doit pas produire de brouillage, et (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

## ***Disposal Information***

### ***Disposal of mercury containing products (United States)***

#### **For models without LCD using LED Technology only**

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations.

For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (<http://www.eiae.org>).

## ***Recycling Information***

### ***RECYCLING LITHIUM-ION BATTERIES***

#### **RECYCLING LITHIUM-ION BATTERIES**

Lithium-Ion batteries are recyclable.

You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.



For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit <http://www.rbrc.org/>.

### ***RECYCLAGE DES ACCUMULATEURS AUX IONS DE LITHIUM***

#### **RECYCLAGE DES ACCUMULATEURS AUX IONS DE LITHIUM**

Les accumulateurs aux ions de lithium sont recyclables.

Vous pouvez contribuer à préserver l'environnement en rapportant les piles usées dans un point de collection et recyclage le plus proche.



Pour plus d'informations sur le recyclage des accumulateurs, téléphonez le numéro gratuit 1-800-822-8837 (Etats-Unis et Canada uniquement), ou visitez <http://www.rbrc.org/>.



**Do not handle damaged or leaking lithium ion batteries.**

**Danger of explosion if battery is incorrectly replaced.**

**Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.**

**The battery pack used in this device may present a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 140°F / 60°C or incinerate. Dispose of used batteries promptly and properly. Keep away from children.**

**Do not short-circuit the metal terminals of the battery pack or wet them with any liquid, for example, water, coffee, or juice.**



**Ne pas utiliser des batteries au lithium ionisé qui sont endommagées ou qui fuient.**

**Une batterie non conforme présente un danger d'explosion. La remplacer seulement par une batterie identique ou de type équivalent recommandé par le fabricant. Évacuer les batteries usées selon les directives du fabricant.**

**La manutention incorrecte du module de batterie de cet appareil présente un risque d'incendie ou de brûlures chimiques. Ne pas démonter, incinérer ou exposer à une température de plus de 60°C. Éliminez les batteries usées rapidement et de la manière appropriée. Garder hors de portée des enfants.**

**Ne court-circuitez pas les bornes métalliques de la batterie et ne les humidifiez pas avec un liquide comme de l'eau, du café ou du jus.**

## ***Specifications of the supplied battery pack***

Model number	VGP-BPS21A or VGP-BPL21
Maximum charge current	1.65 A
Maximum charge voltage	12.57 V

**VAIO Support Homepage**

<http://esupport.sony.com/EN/VAIO/> (for customers in USA)

<http://esupport.sony.com/ca/> (for customers in Canada)

<http://esupport.sony.com/ES/VAIO/LA/> (for customers in Spanish speaking Latin American countries or areas)

<http://esupport.sony.com/PT/VAIO/BR/> (for customers in Brazil)

© 2010 Sony Corporation / Printed in U.S.A.

4-174-377-11(1)

